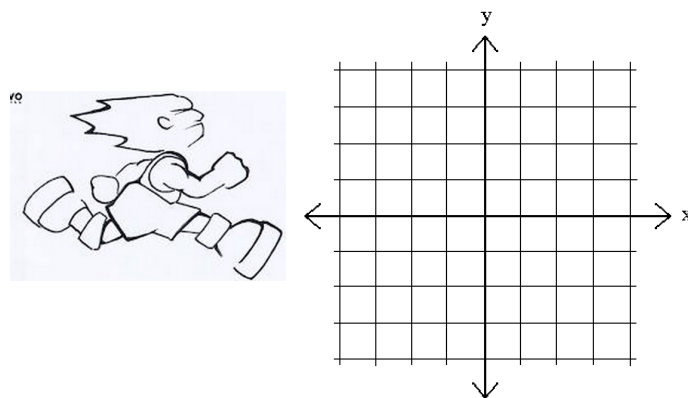
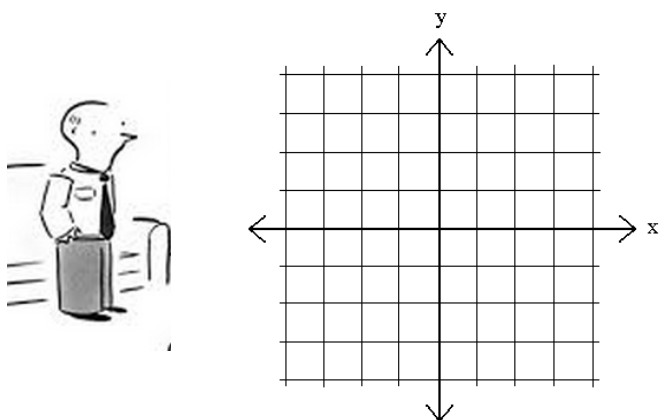


Name _____

Per _____

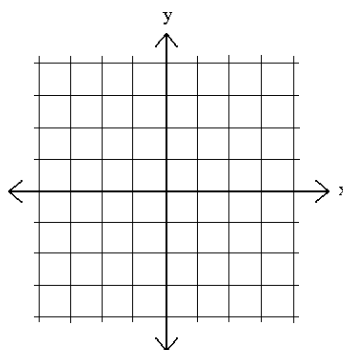
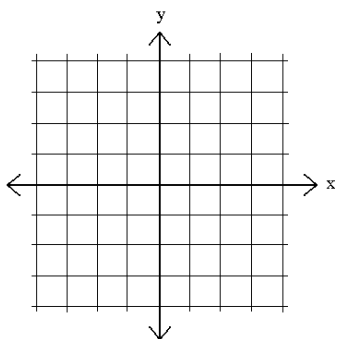
Notes: Position Versus Time Graphing & Graph Interpretation

1. Kinematics is: The study of object's motion _____ looking at the _____.
Does not answer _____ motion occurs.

2. In terms of position:What does it mean to be **at rest**?What does it mean to be **in motion**?**3. To be in constant motion or uniform motion means:**

The _____ that an object's position changes over a period of time is _____,
does not vary or in other words it is _____.

A graphical representation of constant motion would look like this:

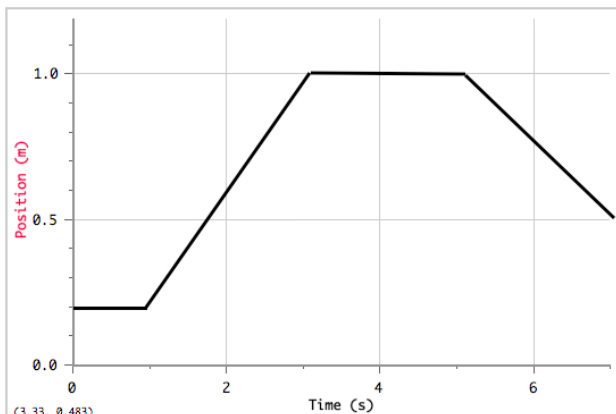
**4. Looking at a graph we can:****A) describe an object's motion****B) determine the distance of an object over a period of time****C) determine the displacement of an object over a period of time**

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**To describe the objects motion - first break the graph up any time the slope changes

A flat line means _____

A constant positive slope above the x-axis:

A constant negative slope above the x-axis:

Steep vs shallow slope: _____

Motion description: _____

Determining the **distance** traveled:

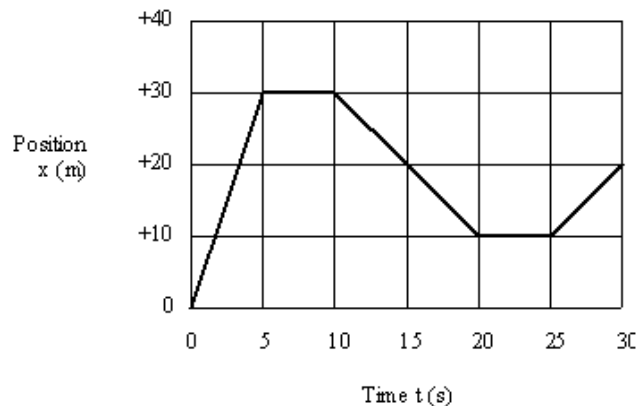
Determining the **displacement**:

Given	Equation	Work	Answer

TRY ONE ON YOUR OWN!

Motion description: _____

Determining the distance traveled:



Determining the displacement:

Given	Equation	Work	Answer